

GAD67 antibody [HL1096]

Cat. No. GTX636280

| | |
|--------------|---|
| Host | Rabbit |
| Clonality | Monoclonal |
| Isotype | IgG |
| Applications | WB, IHC-P, IHC-Wm |
| Reactivity | Human, Mouse, Rat, Zebrafish, Cat, Dog, Japanese Medaka |

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500-1:3000 |
| IHC-P | Assay dependent |
| IHC-Wm | Assay dependent |

Not tested in other applications.

Observed MW (kDa) 67 kDa.

Product Note This antibody is specific for GAD67 protein, and it does not cross-react with GAD65 protein.

Properties

| | |
|---------------|--|
| Form | Liquid |
| Buffer | PBS |
| Preservative | No preservatives |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the center region of human GAD67. The exact sequence is proprietary. |
| Purification | Affinity purified by Protein A. |
| Conjugation | Unconjugated |



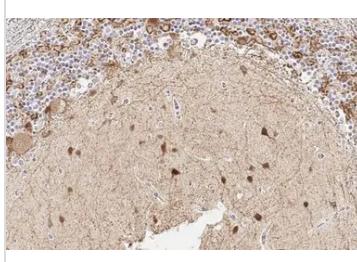
For full product information, images and publications, please visit our [website](#).

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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

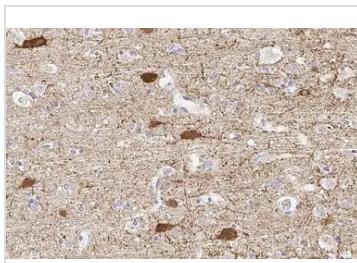
DATA IMAGES**GTX636280 IHC-P Image**

GAD67 antibody [HL1096] detects GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded cat cerebellum.

GAD67 stained by GAD67 antibody [HL1096] (GTX636280) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

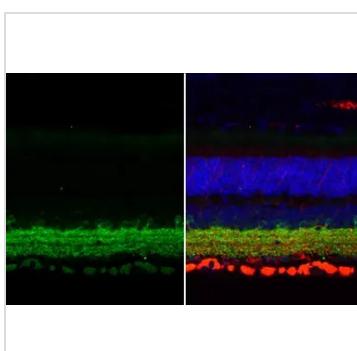
**GTX636280 IHC-P Image**

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**GTX636280 IHC-P Image**

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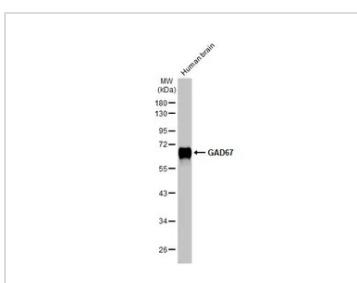
Sample: Paraffin-embedded mouse eye.

Green: GAD67 stained by GAD67 antibody [HL1096] (GTX636280) diluted at 1:100.

Red: beta Tubulin 3/Tuj1, a neuronal marker, stained by beta Tubulin 3/Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX636280 WB Image**

Human tissue extract (10 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with GAD67 antibody [HL1096] (GTX636280) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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